

----- MATERIAL SAFETY DATA SHEET -----  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
Veterinary Products  
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SECTION 1. Product and Company Identification  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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PRODUCT CODE: 270-251-E, REFERENCE #: 3003242  
PRODUCT NAME: ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
CHEMICAL FAMILY: compound  
SYNONYMS:  
MANUFACTURER NAME AND ADDRESS:  
Distributed by: Veterinary Products Laboratories  
P.O. Box 34820  
Phoenix, AZ. 85067-4820  
TELEPHONE NUMBERS:  
Emergency: (602)285-1660  
Information: (602)285-1660  
DATES:  
Date Entered: 04/16/1996  
Revision: 02/01/2003  
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SECTION 2. Composition/Information on Ingredients  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME)	CAS #	PERCENTAGE
Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dim	52315-07-8	0.175
Pyrethrins {Cyclopropanecarboxylic acid, 2,2-dimethyl-3...}	121-21-1	1.03
Piperonyl butoxide {(a glycol ether)}{2-(2-butoxyethoxy)e	51-03-6	1.65
BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	5.15

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SECTION 3. Hazards Identification  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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EMERGENCY OVERVIEW  
ROUTE(S) OF ENTRY: Inhalation? Yes , Skin? Yes ,  
Eyes? Yes , Ingestion? Yes , Other: NE  
POTENTIAL HEALTH EFFECTS (ACUTE AND CHRONIC): May be  
irritating to eyes and mucous membranes. Avoid breathing  
spray or mist.  
CARCINOGENICITY: NTP?, IARC Monographs?, OSHA  
CARCINOGENICITY/OTHER INFORMATION: NE  
RECOMMENDED EXPOSURE LIMITS: NE  
LD 50/LC 50: NE  
SIGNS AND SYMPTOMS OF EXPOSURE: NE  
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SECTION 4. First Aid Measures  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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EMERGENCY AND FIRST AID PROCEDURES  
IF SWALLOWED: Contact a physician or Poison Control  
Center immediately. Drink one or two glasses of water  
and induce vomiting by touching back of throat with  
finger or by administering syrup of ipecac. Do not  
induce vomiting or give anything by mouth to an  
unconscious person.

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IF INHALED: Remove patient to fresh air. Apply artificial respiration and/or seek medical attention if indicated.  
IF IN EYES: Flush with plenty of water immediately. Get medical attention if irritation persists.  
IF ON SKIN: Remove contaminated clothing and wash skin with soap and water. Launder contaminated clothing thoroughly before reuse.

NOTE TO PHYSICIAN:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NE

SPECIFIC GRAVITY (WATER= 1): 0.998 at 27.0 C

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SECTION 5. Fire Fighting Measures  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES

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FLASH PT: NE or NA

METHOD USED:

EXPLOSIVE LIMITS:

LEL: NE

UEL: NE

EXTINGUISHING MEDIA: CO2, Foam.

FIRE FIGHTING INSTRUCTIONS: Do not contaminate water by cleaning of equipment. Fight pesticide fires from upwind. Use SCBA. Dike area to prevent run off into sewers and waterways.

FLAMMABLE PROPERTIES AND HAZARDS: Water spray may increase area of contamination. Equipment and materials used to fight pesticide fires may require decontamination before reuse.

HAZARDOUS COMBUSTION PRODUCTS:

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SECTION 6. Accidental Release Measures  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
Soak spill in dry carrier such as sawdust and shovel into disposal containers. Rinse area with water and detergent, absorbing detergent into dry carrier and shoveling into disposal containers.

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SECTION 7. Handling and Storage  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES

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HAZARD LABEL INFORMATION: Store in cool, dry area Avoid breathing vapor

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid contact with eyes or mucous membranes. Avoid contact with skin or clothing. Wash hands with soap and water after use. Store in cool, dry place inaccessible to children.

PRECAUTIONS TO BE TAKEN IN STORING:

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Keep out of water sources.

WORK/HYGIENIC/MAINTENANCE PRACTICES: Wash hands before eating, Smoking or using restroom.

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SECTION 8. Exposure Controls/Personal Protection  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES

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PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION:

Self contained breathing apparatus, Neoprene gloves,  
Goggles or face shield  
RESPIRATORY EQUIPMENT (SPECIFY TYPE): If high  
concentrations - self contained breathing apparatus  
EYE PROTECTION: goggles or face shield  
PROTECTIVE GLOVES: Neoprene gloves  
OTHER PROTECTIVE CLOTHING:  
ENGINEERING CONTROLS (VENTILATION ETC.):  
Local Exhaust: sufficient  
Special:  
Mechanical (Gen):  
Other:

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SECTION 9. Physical and Chemical Properties  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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PHYSICAL STATES: [ ] Gas, [ X ] Liquid, [ ] Solid  
BOILING POINT: NE or NA  
MELTING POINT: NE or NA

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VAPOR PRESSURE (VS. AIR OR MM HG):  
VAPOR DENSITY (VS. AIR = 1):  
EVAPORATION RATE (VS BUTYL ACETATE=1):  
SOLUBILITY IN WATER:  
OTHER SOLUBILITY NOTES: miscible  
PERCENT VOLATILE: NE or NA  
PH: 5.8  
APPEARANCE AND ODOR: Milky white emulsion liquid with  
slight odor.

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SECTION 10. Stability and Reactivity  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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STABILITY:  
Unstable [ ]  
Stable [ X ]  
CONDITIONS TO AVOID - INSTABILITY: Heat, Sunlight.  
INCOMPATIBILITY - MATERIALS TO AVOID: Oxidizers.  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: HCl, CO, CO2.  
HAZARDOUS POLYMERIZATION:  
Will occur [ ]  
Will not occur [ X ]  
CONDITIONS TO AVOID - HAZARDOUS POLYMERIZATION: Will not  
occur

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SECTION 11. Toxicological Information  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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CHRONIC TOXICOLOGICAL EFFECTS:

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SECTION 12. Ecological Information  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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SECTION 13. Disposal Considerations  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES

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WASTE DISPOSAL METHOD: Dispose of according for Federal, State or local regulations. This product is toxic to fish. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.  
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SECTION 14. Transport Information  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES

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DOT PROPER SHIPPING NAME:  
DOT HAZARD LABEL: None  
UN/NA NUMBER:  
ADDITIONAL TRANSPORT INFORMATION:  
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SECTION 15. Regulatory Information  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES

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SECTION 16. Other Information  
ENDURE SWEAT-RESISTANT FLY SPRAY FOR HORSES  
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NFPA HAZARD RATINGS:	Minimal: 0
Health: 0	Slight: 1
Flammability: 1	Moderate: 2
Instability: 0	Serious: 3
Special Hazard:	Extreme: 4

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IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.

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COMPAS Code: 30400140